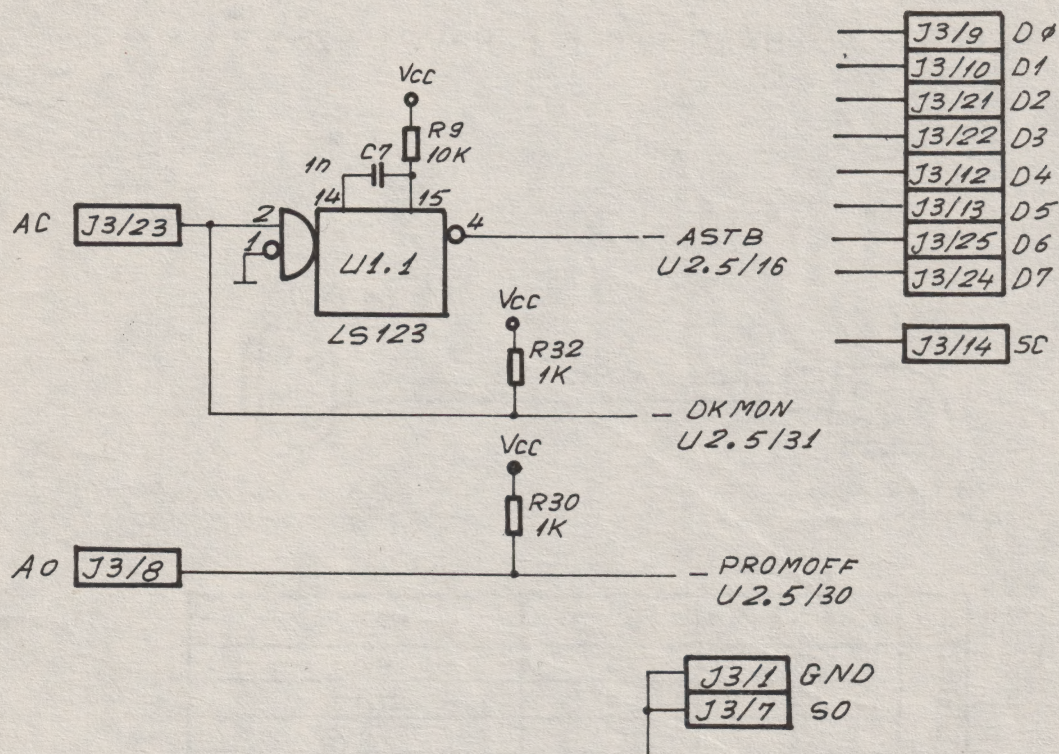


VDT 52-S MAIN BOARD		URC 85.01
Rev	MbZ LAYOUT	
		Sheet 1 of 1

MODIFICATIONS FOR CONNECTING ROBOTRON 1157 (IFSP)
PRINTER AS HARD-COPY FOR VDT 52-S



Interruptions:

- U2.5/30 wire (solder side)
- U2.5/16 wire (solder side)
- U1.1/2 wire (solder side)
- U1.1/1 wire (component side, under U1.1)
- U1.1/12 wire (component side, under U1.1)

BREAK jumper (U2.5/16-U2.2/29)

Components added:

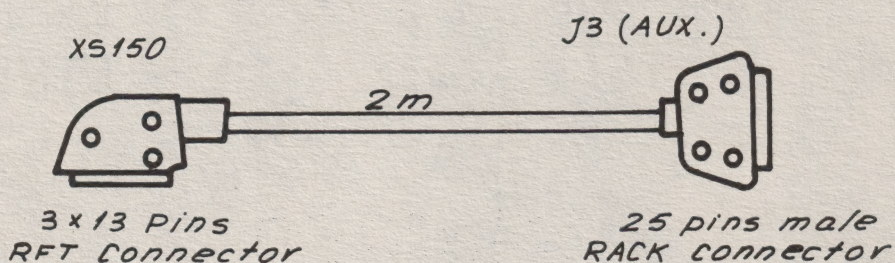
- U1.1 (LS123) and U1.5 (LS245)
- R9 (10K Ω , RPM 3050, 5%)
- C7 (1nF, MC 3223, 10%, 50V)

Jumpers:

- J3/8-U2.5/30
- J3/23-U2.5/31-U1.1/2
- U1.1/1-U1.1/8
- U1.1/4-U2.5/16
- U9.1/6-U10.1/2
- S21-S22

CABLE FOR CONNECTING ROBOTRON 1157 (IFSP)

PRINTER AS HARD-COPY FOR VDT 52-S



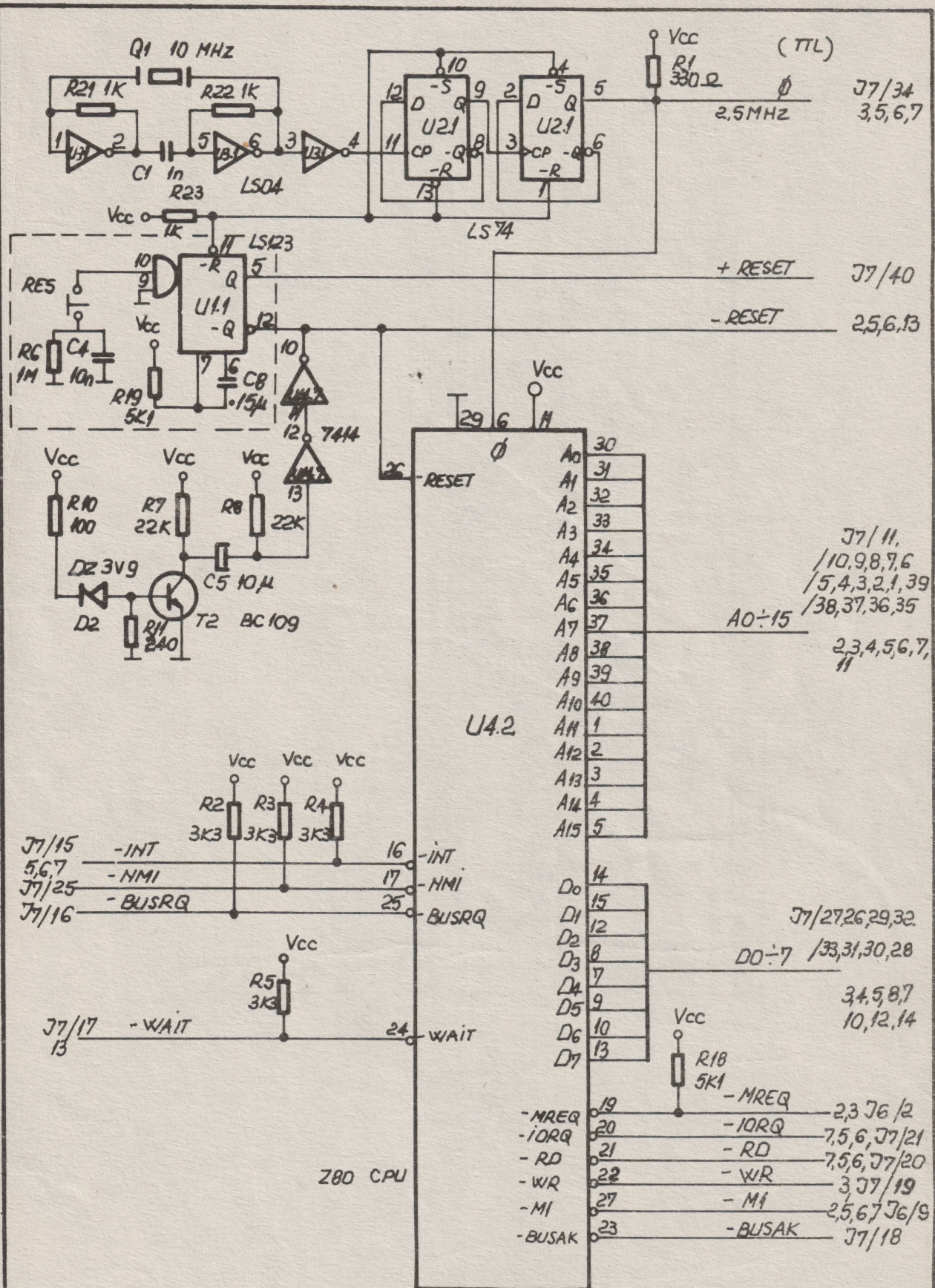
NO.	From XS150	To J3	Signal
1	B2	14	SC
2	B3	23	AC
3	B4	1	SO (GND)
4	B5	9	D0
5	B6	10	D1
6	B7	21	D2
7	B8	22	D3
8	B9	12	D4
9	B10	13	D5
10	B11	25	D6
11	B12	24	D7
12	B13	8	A0
13	A1	1	GND
14	C1	7	GND

VDT 52-S

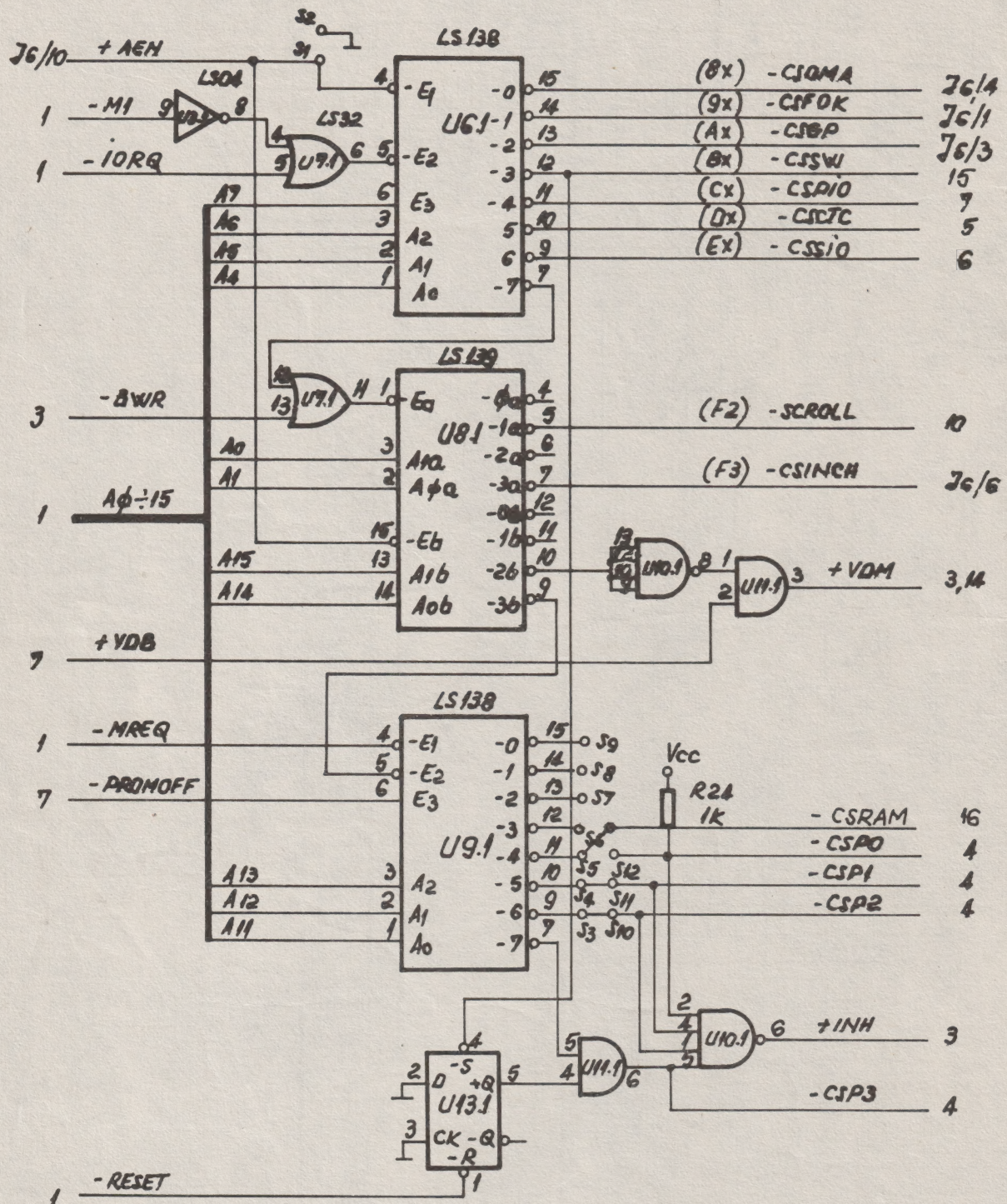
HARD-COPY

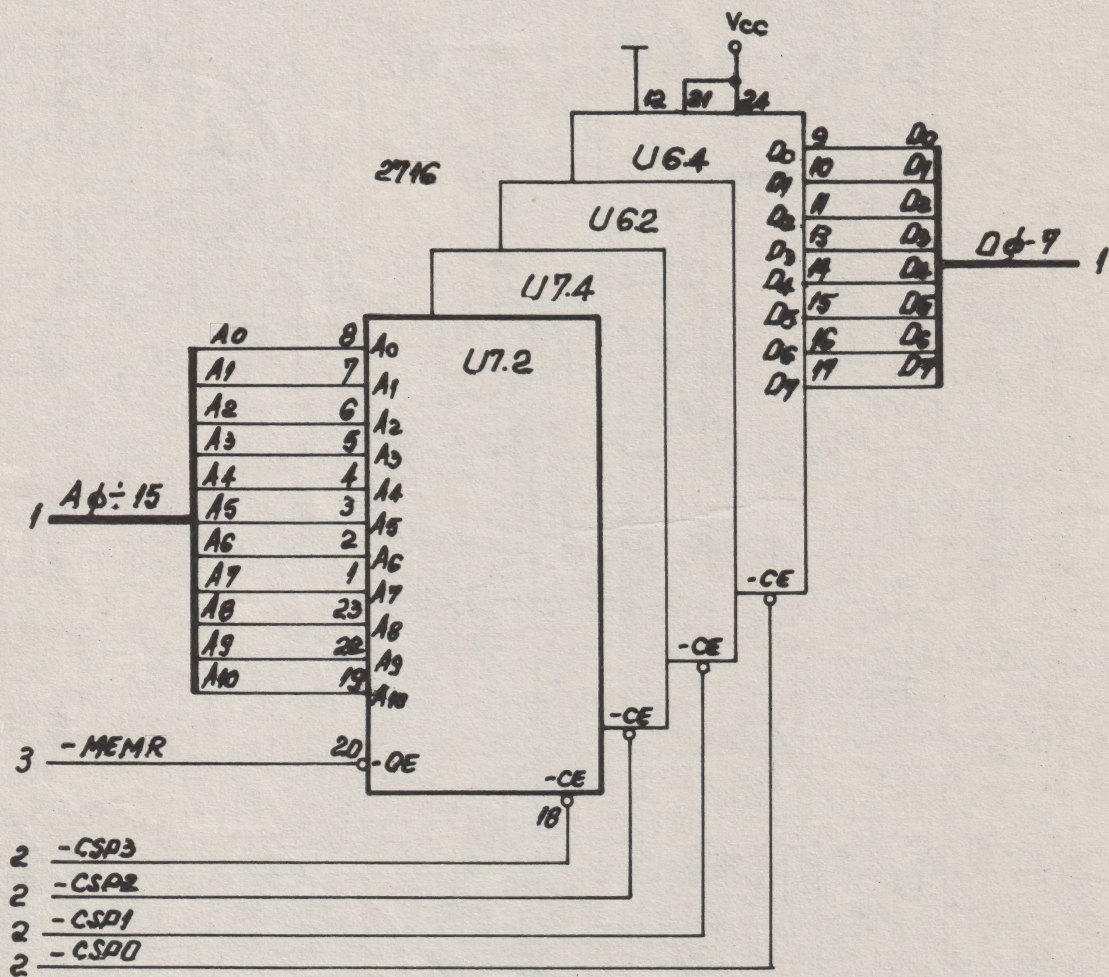
ROBOTRON 1157

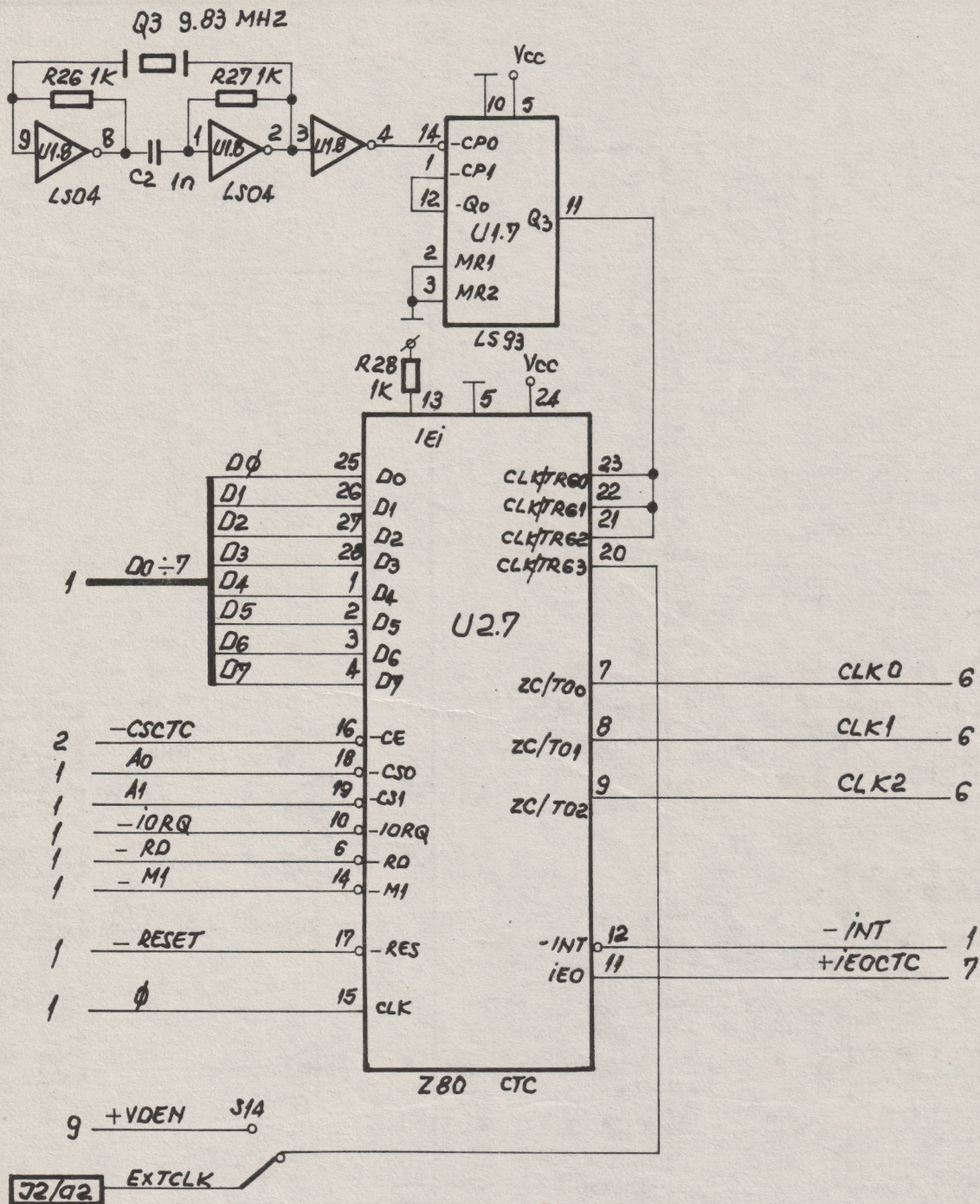
Sheet 2 of 2

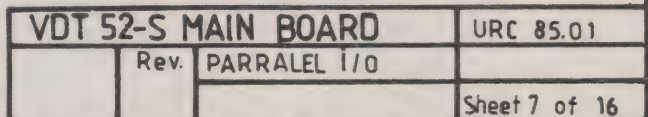


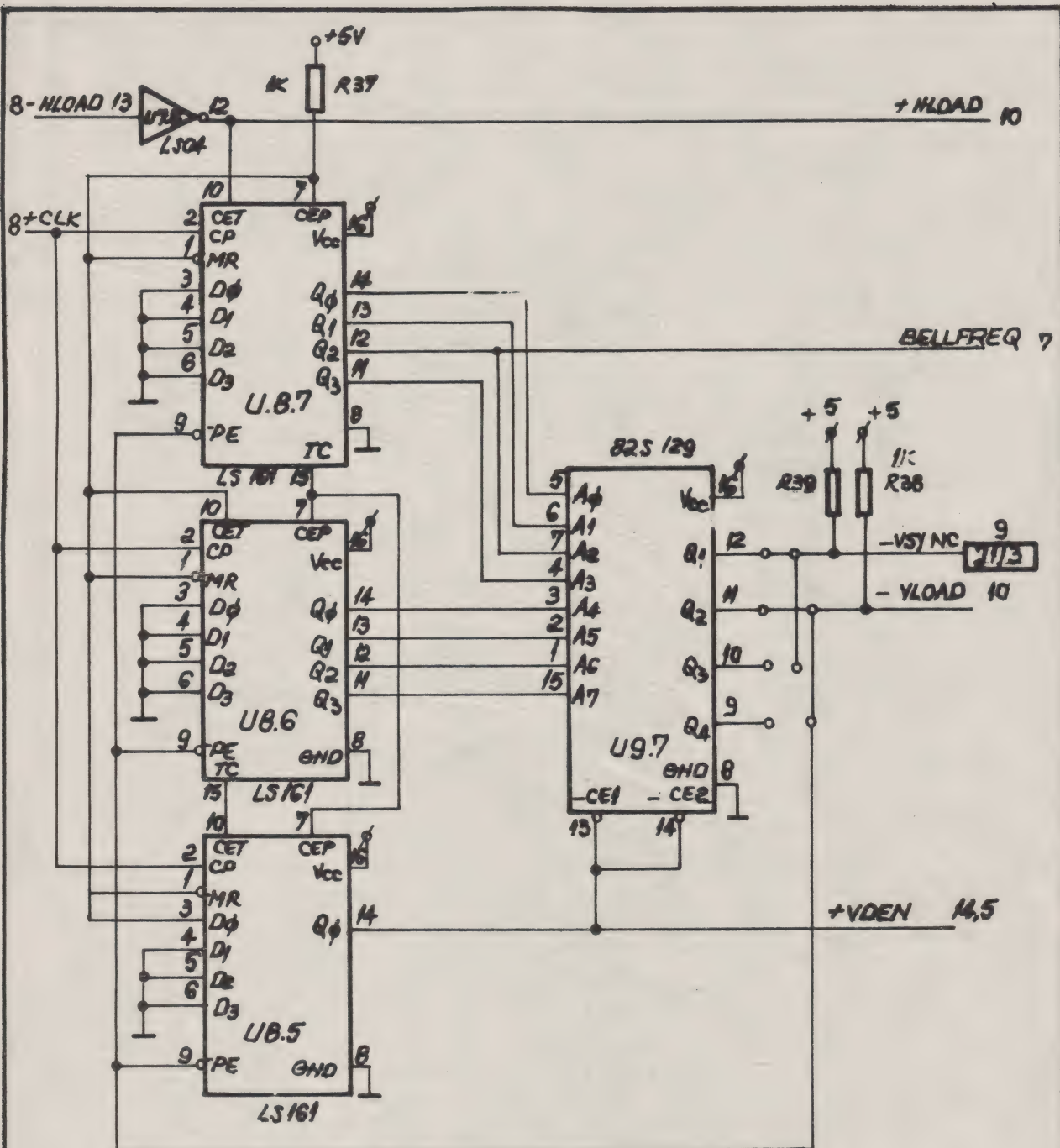
VDT 52-S MAIN BOARD		URC 85.01
Rev.	CPU	
		Sheet 1 of 16



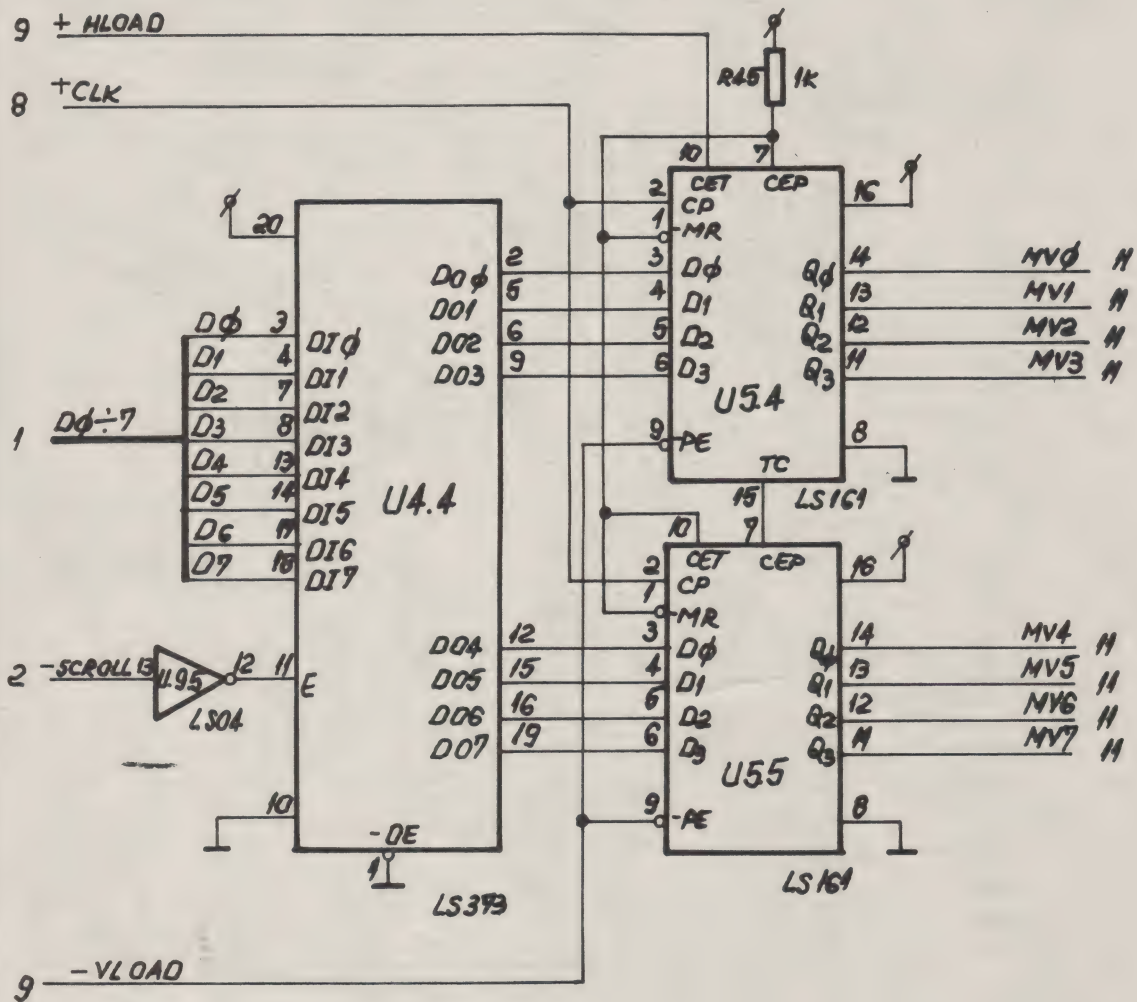


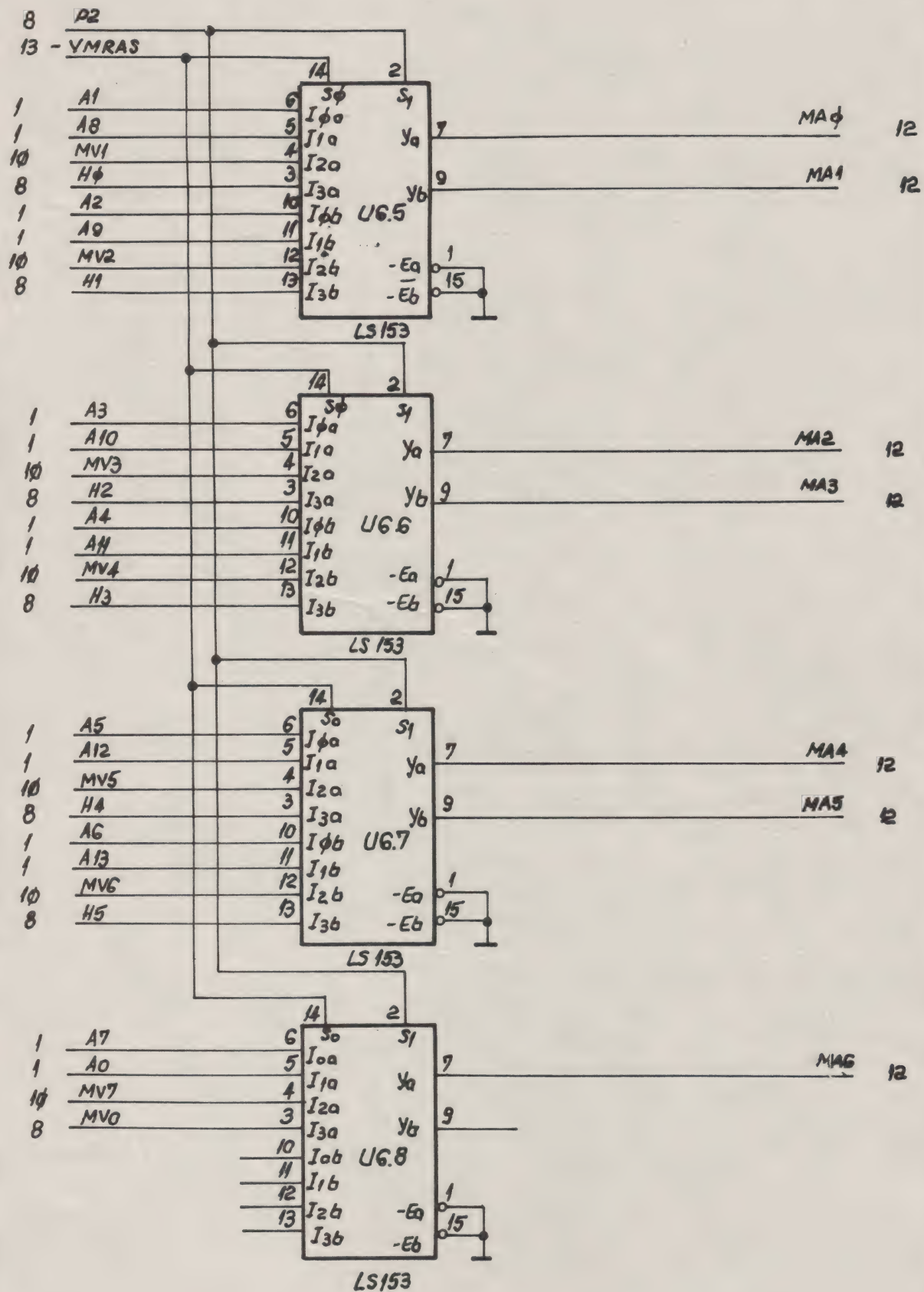




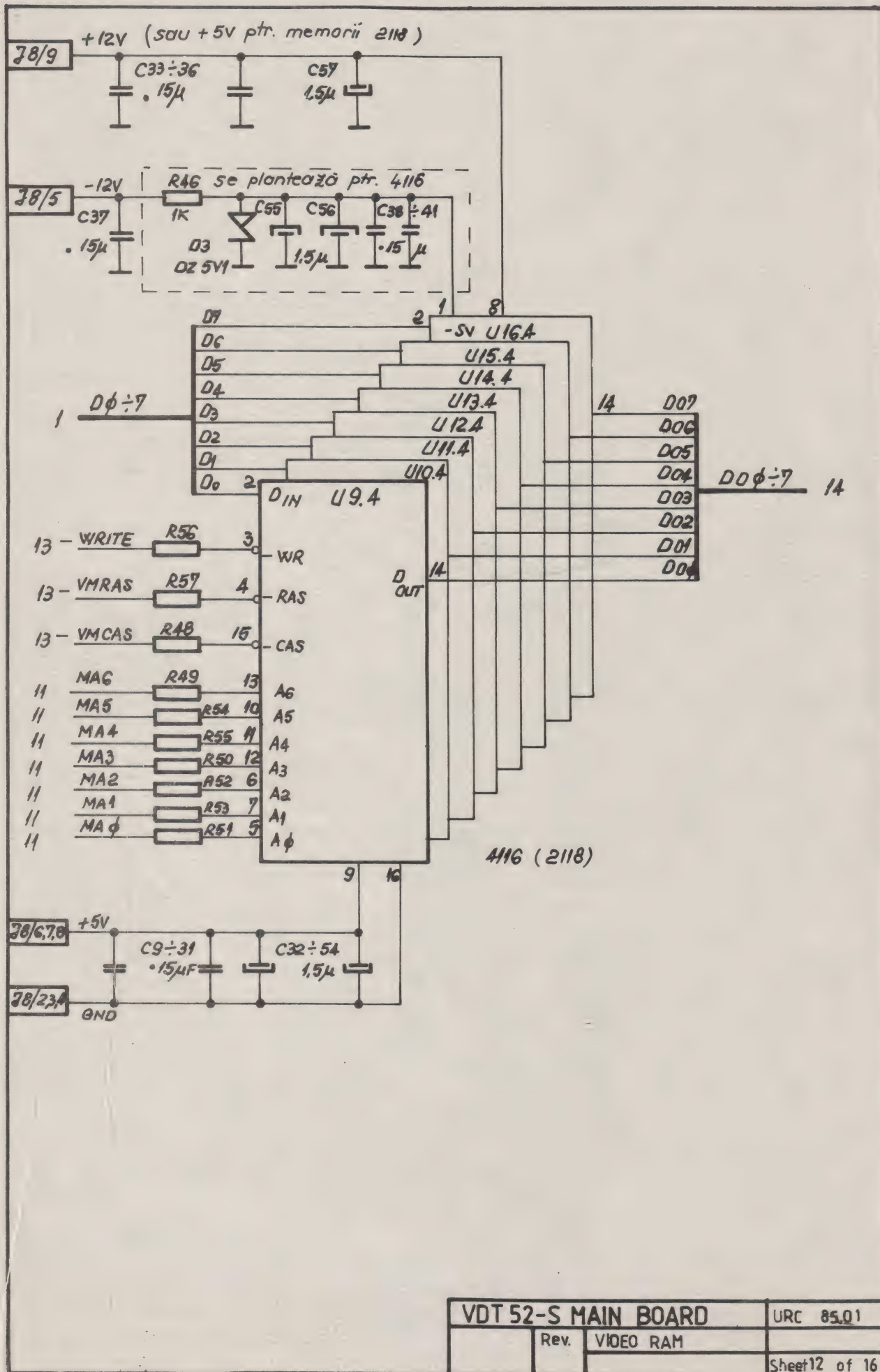


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Rev	VERTICAL SYNC	
		Sheet 9 of 16





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	Rev.	VIDEO RAM MUX	
			Sheet 11 of 16



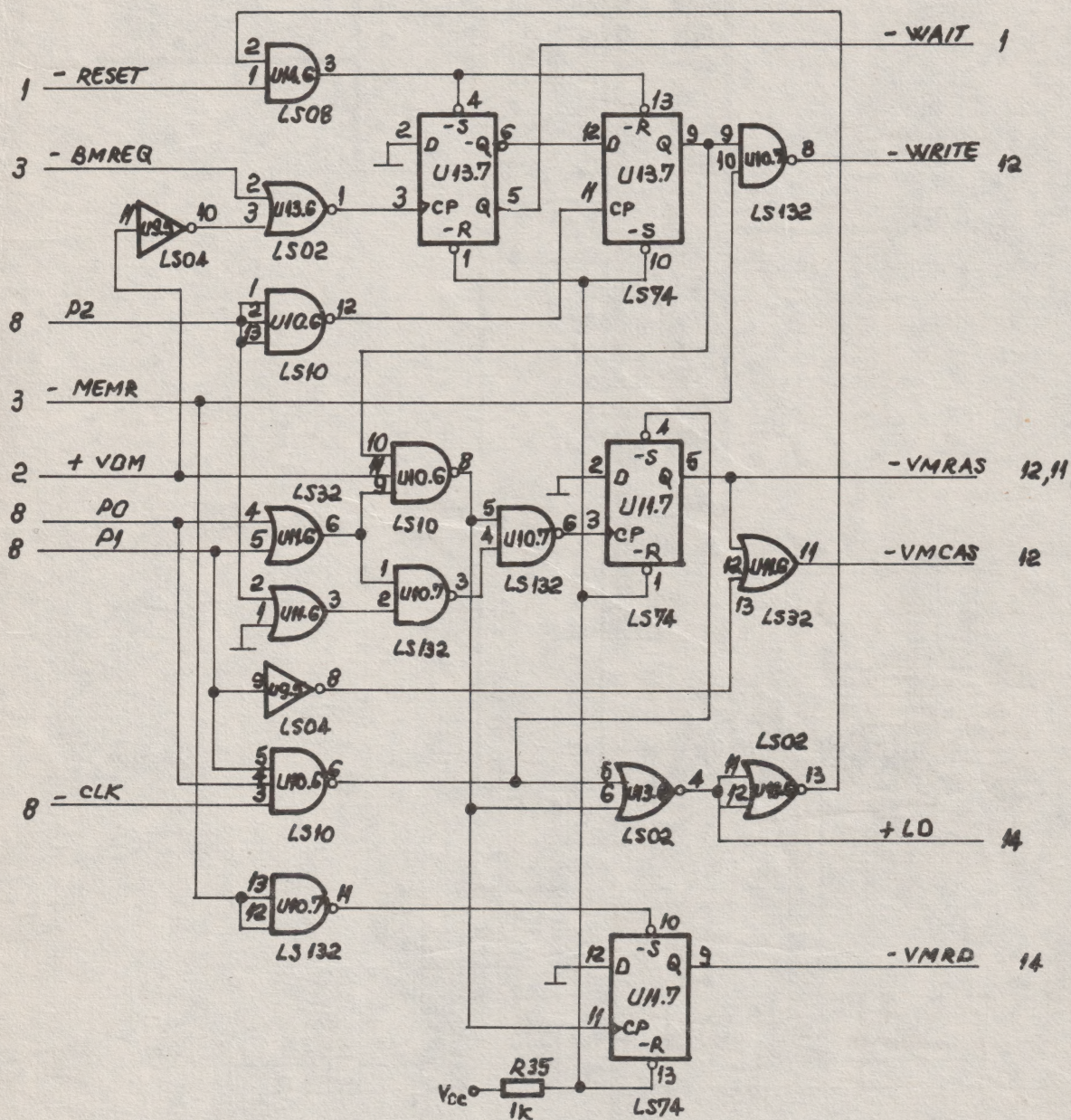
VDT 52-S MAIN BOARD

URC 85.01

Rev.

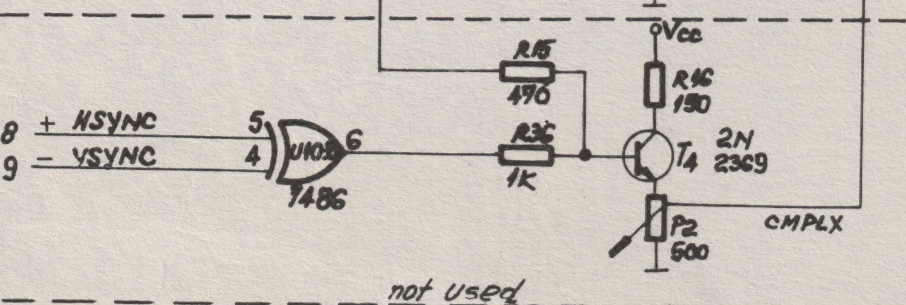
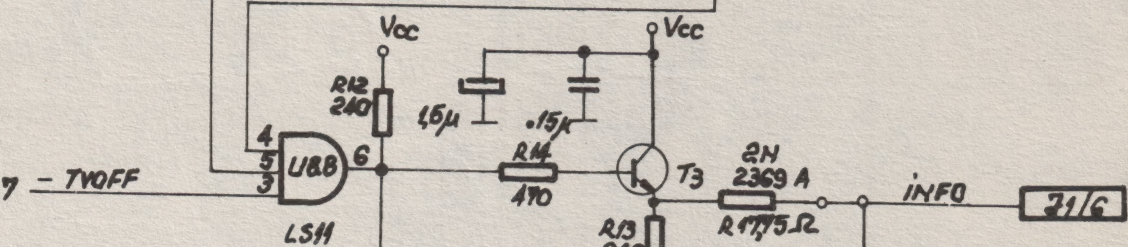
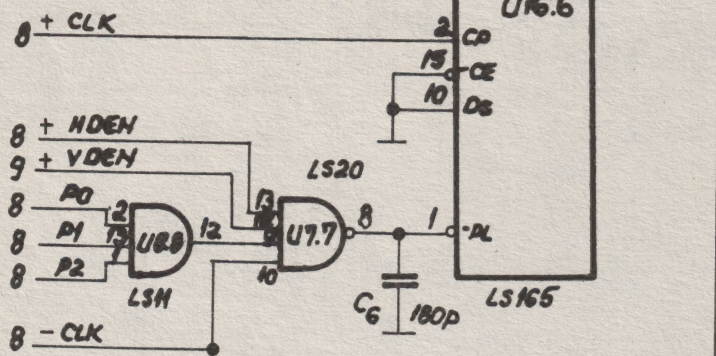
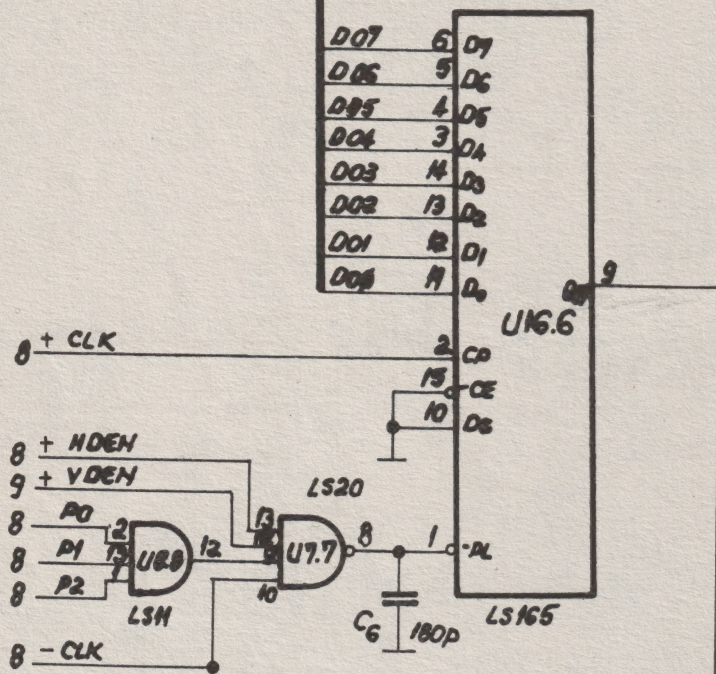
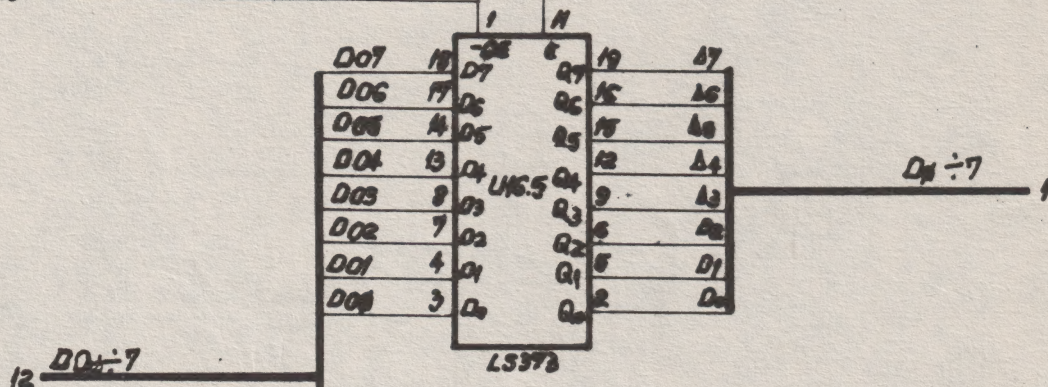
VIDEO RAM

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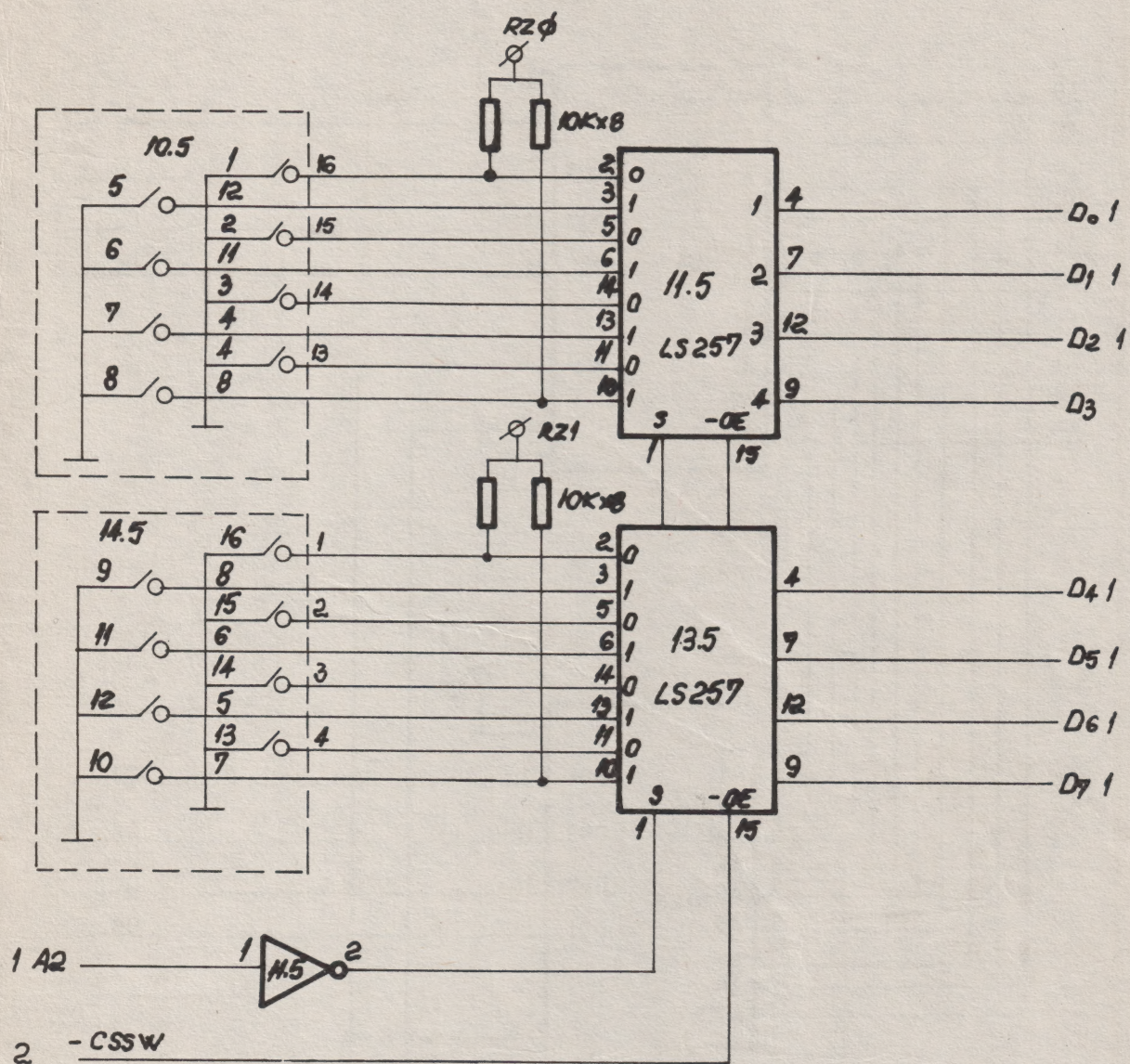


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Rev.	VIDEO CONTROL	
		Sheet 13 of 16

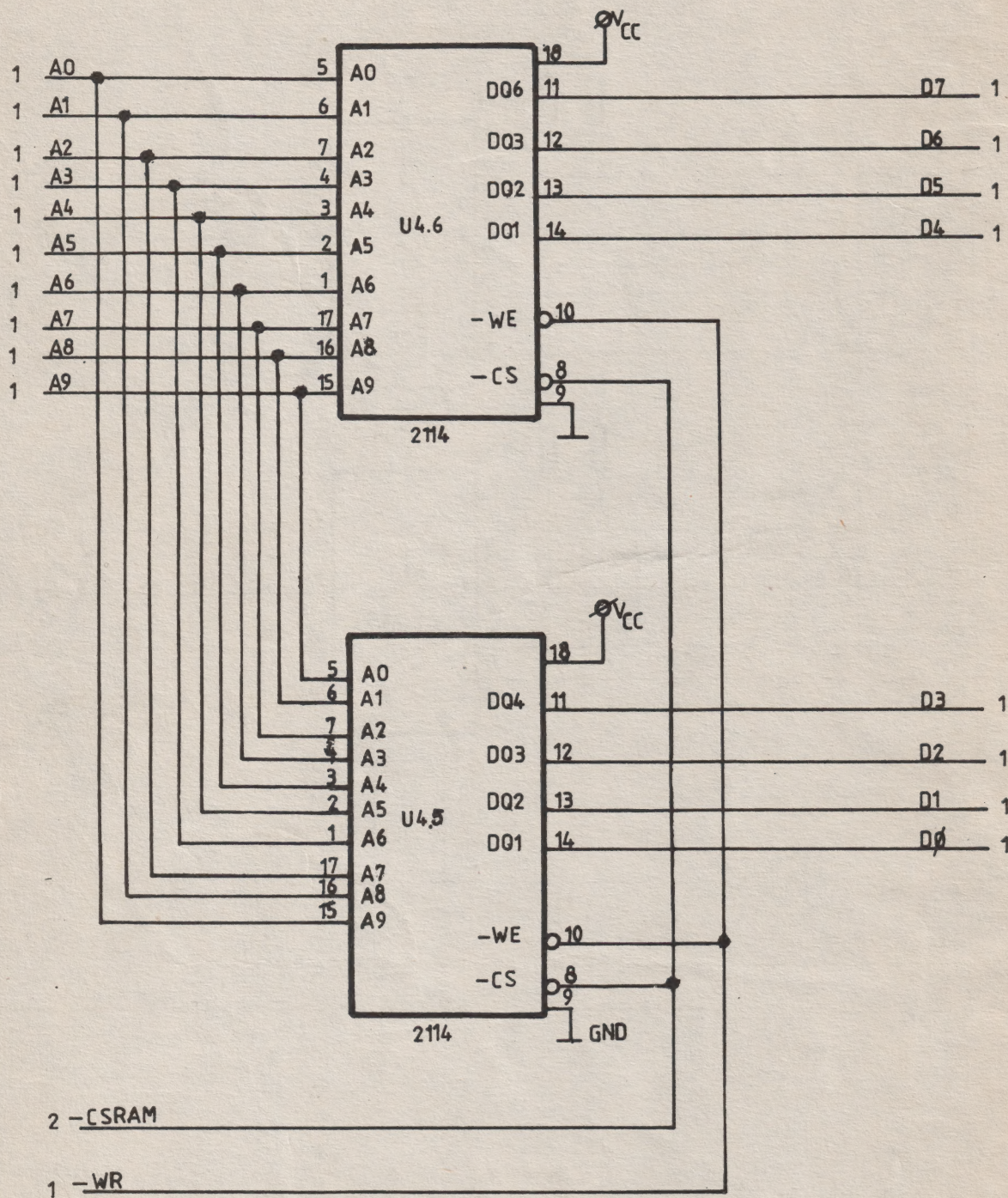
13 +LD
13 -VMRD



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Rev.	TV ORIVER	
		Sheet 14 of 16



VDT 52-S		URC 85.01
Rev.	SWITCHES	
		Sheet 15 of 16



VDT 52-S

Rev.

STATIC RAM

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